Work Order ID 61780

Friday, September 03, 2010 9:52:27 AM



Page 1

Item ID: **Revision ID:** D412-758-015

Accept



Setup Start



Item Name: **Start Date:**

9/3/2010

Start Qty: 3.00

GPSMAP Top Mounted GPS Receiver Gimbal Mount

Req'd Qty: 3.00

Cust Item ID: Customer:

Reference:

Approvals:

Sequence ID/

Date: 10-9-03

Tooling:

Date:

Run

Qty

Start Stop

Stop

QC:

Date:

SPC (Y/N):

Date:

Tool # Plan

Accept

Reject Reject

Insp.

Work Center ID

Operation Description Set Up/ **Run Hours** Tool ID

Code

Qty

Number

Stamp

Draw Nbr

Revision Nbr

IIN-D412-758 C

Required Date: 9/13/2010

100

Document Control

DOCUMENT CONTROL

Memo

Photocopy bluefile & type labels per PPP412-758-015 CHG001

0.00

0.00

110

Pick Kit

0.00

Packaging

Packaging

Memo

0.00

115

QC

QC4- 100% Inspect kits for completeness

0.00

Memo

Quality Control

Dar	t Aer	osp	ace	Ltd
			~~~	

W/O:			WORK ORDER CHANGES										
DATE	STEP	PRO	OCEDURE CHA	ANGE	Ву	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector				
		14-11-11-11-11-11-11-11-11-11-11-11-11-1						Floating					
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D N .	1												
Part No							DQA: Date:						
	R	esolution:						Date: _					
NCR:			WORK ORD	ER NON-CONFORMA	NCE (NC	;K)							
DATE	STEP	P Description of NC Section A	Initial	Corrective Action Section Action Description	on B Sigi		rification	Approval	Approval				
			Chief Eng	Chief Eng	Da		Section C Chief Eng		QC Inspector				
:													

#### Work Order ID 61780

Friday, September 03, 2010 9:52:27 AM



Page 2

Item ID:

D412-758-015

Accept

Setup Start



**Revision ID:** 

**Item Name: Start Date:** 

GPSMAP Top Mounted GPS Receiver Gimbal Mount

**Required Date: 9/13/2010** 

9/3/2010

Start Qty: 3.00

Req'd Qty: 3.00



Date:_____

**Cust Item ID: Customer:** 

Reference:

Approvals:

QC:

Process Plan:

Date:_____

**SPC (Y/N):** 

Set Up/

**Run Hours** 

Tooling:

Date: ___

Tool ID

Date:

Tool # Plan

Code

Run

Accept

Qty

Start

Stop



Stop

Stamp

Sequence ID/ **Work Center ID** 

120

Packaging Packaging

Packaging

Operation

Description

Memo

0.00

0.00

Identify and pack for shipping as per PPP D412-758-015

130

QC

Quality Control

QC21- Final Inspection - Work Order Release

0.00

Memo

0.00

Reject

Qty



Reject Insp.

Number

M (D. 10-05

## **Dart Aerospace Ltd**

W/O:			WO	RK ORDER CHANG	GES				•
Part No:Re	PRO	OCEDURE CHAN	IGE	Ву	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector	
			,						
				****					
Part No:PAR #: Fault Category: NCR: Yes No DQA: Date  Resolution:Disposition: QA: N/C Closed: Date  NCR: WORK ORDER NON-CONFORMANCE (NCR)  DATE STED Description of NC  Corrective Action Section B  Verification Approximately Approximately Section B  Verification Approximately STED Description of NC									
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NCR:		,	WORK ORDE	R NON-CONFORM	IANCE (NCI	₹)			
DATÉ	STED	Description of NC	Description of NC			verifica			
	OIL!	Section A					ion C	Chief Eng	QC Inspector
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# **Picklist Print**

Friday, September 03, 2010 9:52:32 AM

Work Order ID: 61780

Parent Item:

D412-758-015

Parent Item Name: GPSMAP Top Mounted GPS Receiver Gimbal Mount

**Start Date:** 9/3/2010

Required Date: 9/13/2010

Page 1

Start Qty: 3.00

Required Qty: 3.00

	Comments:	IPP rev:A 10.06.21	new issue DI	) veri	fied by:EC									
	Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
Sq	D3531-041  Signature of the state of the sta		Manufactured	No			110	Each	0.0000	Bi	3 (1) 2026	F	3620	
_	D2464		Manufactured	No			110	f	275.8334	1.05	3.315789	) 4	SP	<b>и</b> Ч 
St	cut qty of 2 at 6.6" as per	neasure Stollolul dwg D2464-0066 ***po	er		Location ST402	48173	<u>Loc</u> (275.8	3334	Loc Code					
S 4)	D3525-1		Manufactured	No			110	Each	7.0000		1014	e sf	)	
( P	D3645-1		Manufactured	No	Location ST068	35026	<u>Loc (</u> 110	<mark>Oty</mark> 7 7 Each	Loc Code 132.0000	3	12/0/	lu lis	J (	34
					<b>Location</b> ST076	35004	Loc	Oty 132	Loc Code	1	2 .	-		

98

## Dart Aerospace Ltd

W/O:			WC	RK ORDER CHANGE	S				,
DATE	STEP	PRO	CEDURE CHAI	NGE	Ву	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector
		PAR #:	Fault Cate	NCR: Ye	s No <b>D</b>	Date:			
	R	esolution:	Disposition	n:	QA: N/C	Closed: _		Date: _	
NCR:		V	ORK ORDE	R NON-CONFORMA	VCE (NO	CR)			
2.475		Description of NC	Corrective Action Section			Veri	Verification	Approval	Approval
DATE	STEP	Section A	Initial Chief Eng	Action Description Chief Eng	Sigi Da	າ&   _{Se}	ection C	Chief Eng	QC Inspector
					:				·
4									

Friday, September 03, 2010 9:52:32 AM

Work Order ID: 61780

Parent Item:

D412-758-015

Parent Item Name: GPSMAP Top Mounted GPS Receiver Gimbal Mount

Purchased

NAS1149DN632 Purchased

NAS1149D0363J Purchased

No

No

No

**Start Date:** 9/3/2010

Required Date: 9/13/2010

Start Qty: 3.00

Required Qty: 3.00

AN525-10R7

<b>Location</b>	Loc Qty				
ST325	426				
113359	26				
115016	200				
115371	200				
	110 Fach				

Loc Code

543.0000

426.0000

AN960JD6

Location	<u>Lo</u>	c Oty	Loc Code			
· ST347	543					
104537		543				
	110	Each	6.0000			

110

Each

M115622 10/101

MS21042L06	Purchased	No
L 1901 160 16 140 160 160 160 160 160 160 160 160 160 16		

Loc Qty Location Loc Code  $\cdot ST$ 107715 110 Each 136.0000

Location Loc Qty Loc Code ST300 136 114330 114494 35 115108 100

Part No: PAR #: Fault Category: NCR: Yes No DQA: Date:  Resolution: Disposition: QA: N/C Closed: Date:  NCR: WORK ORDER NON-CONFORMANCE (NCR)  DATE STEP Description of NC Corrective Action Section B Verification Approval Approval Approval Approval Approval Approval Approval Approval Approval Date: Description of NC Prod Mgr	Dart Ae	rospace Li	td						,
Part No:PAR #:Fault Category:NCR: Yes No DQA:Date:	W/O:			WO	RK ORDER CHANGE	ES			•
Resolution:	DATE	STEP	PR	Ву	Date Qty	Chief Eng /	Approval QC Inspector		
Resolution:									
Resolution:									
Resolution:								 	
Resolution:									
NCR: WORK ORDER NON-CONFORMANCE (NCR)  DATE STEP Description of NC Section A Section B Sign & Verification Section C Chief Eng QC Inspection Section C Chief Eng QC Inspection Section C Section C Chief Eng QC Inspection Section C Section C Chief Eng QC Inspection C Chief Eng QC Inspection C C C C C C C C C C C C C C C C C C C	Part No	•	PAR #:	Fault Cate	gory:	NCR: Yes	No DQA:	Date: _	
DATE STEP Description of NC Section A Section B Section B Verification Section C Corrective Action Description Sign & Section C Chief Eng QC Insp		Reso	olution:	Disposition: QA: N			sed:	Date: _	
DATE STEP Description of NC Initial Action Description Sign & Verification Approval	NCR:			WORK ORDE	ER NON-CONFORMA	NCE (NCR	)		
Section A Initial Action Description   Sign &   Section C   Chief Eng   QC Insp	DATE	OTED	Description of NC		Corrective Action Section		Verification	Approval	Approval
	DATE	SIEP							QC Inspector
									£-

Friday, September 03, 2010 9:52:32 AM

Work Order ID: 61780

Parent Item: D412-758-015

No

Parent Item Name: GPSMAP Top Mounted GPS Receiver Gimbal Mount

Purchased

Start Date: 9/3/2010

Required Date: 9/13/2010

Start Qty: 3.00

Required Qty: 3.00

MS24693-S29

Purchased No Location ST288 102147

205 26 179 110 Each

Loc Qty

Each

Loc Code

22.0000

205.0000

RAM-B-202U

RAM-B-217U

RAM-B-201U-A

No Purchased

Location Loc Qty Loc Code ST 2 114998 2 ST396 20 20 115296 110 Each 22.0000

110

Round Plate Mount, Single 1" Ball

Purchased

No

Location Loc Qty ST 2 114998 ST396 20 115296 20 110 Each

11.0000

Loc Code

Round Plate Mount, Dual 1" Ball

Location Loc Qty Loc Code ST396 11 115052 1 10 115296

Dart Ae	rospace	Ltd							
W/O:			WO	RK ORDER CHANGI	ES				• .
DATE	STEP	PROCEDURE CHANGE			Ву	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector
Part No	:	PAR #:	Fault Cateç	gory:	NCR: Yes	No <b>DQ</b>	A:	Date:	
	Re	solution:	Disposition	QA: N/C Closed: Date:					
NCR:			WORK ORDE	R NON-CONFORMA	NCE (NC	R)			
		Description of NC	Corrective Action Section B			Verification			Approval
DATE	STEP	Section A	Initial Chief Eng	Action Description Chief Eng			ion C	Approval Chief Eng	QC Inspector
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### **Picklist Print**

Friday, September 03, 2010 9:52:32 AM

Work Order ID: 61780

Parent Item:

Parent Item Name:

D412-758-015

GPSMAP Top Mounted GPS Receiver Gimbal Mount

Purchased

No

110

Each

**Start Date:** 9/3/2010

Required Date: 9/13/2010

Page 4

Start Qty: 3.00

Required Qty: 3.00

MS21042L3

9
9
0

Loc Code

2,109.000

Dart Ae	rospace	e Ltd			•				
W/O:			WO	RK ORDER CHANGE	ES				•
DATE	STEP	PRO	PROCEDURE CHANGE					Approval Chief Eng / Prod Mgr	Approval QC Inspector
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<b>5</b>	1								ji
Part No	•	PAR #:	Fault Cate	NCR: Yes No DQA: Date					
	R	esolution:	Disposition	QA: N/C Closed: Date					
NCR:		1	WORK ORDE	R NON-CONFORMA	NCE (NCI	R)			
		Description of NC		Corrective Action Section	on B	Vorifi	cation	Approval	Approval
DATE	STEP	Section A	Initial Chief Eng	Action Description Chief Eng	ption Sign Date		ion C	Chief Eng	QC Inspector

#### DART AEROSPACE LTD.

### REFERENCE ONLY

IIN-D412-758 Page 23 of 23



QTY -011	QTY -013	QTY -015	Part Number	Description
X	1		D412-758-011	Bottom Mounted GPS Receiver Gimbal Mount
	х	1	D412-758-013	Top Mounted GPS Receiver Gimbal Mount
		Х	D412-758-015	GPSMAP Top Mounted GPS Receiver Gimbal Mount
1			D3514-041	Bottom Mounted Gimbal Assembly
	1		D3514-043	Top Mounted Gimbal Assembly
		1	D3531-041	Bracket Assy.
			D2464-0066 #	Normana Cool
	2	2		Neoprene Seal
1	1	1 -	D3525-1	Placard
1		<u> </u>	D3527-1	Support Arm
1			D3530-1	Base Plate
1		ļ	D3530-3	Mounting Plate
1	1_1_		D3534-1	Doubler
	4	4	D3645-1 ,	Washer
	4	7	AN525-10R7	Screw
3	<del> '</del>	<del>-</del>	AN526-632R7	Screw (or MS35206-229)
3	<del>                                     </del>	4	AN960JD6 /	Washer
2	4	7	AN960JD10	Washer
3	<del></del>	34	MS21042L06	Nut
1	<del> </del>	3	MS21042L3	Nut
4	4	<u>*</u>	MS24693-S27	Screw
1	<u> </u>		MS27039-1-09	Screw
		4	MS24693-S29	Screw
		2	RAM-B-201U-A	Socket Arm, 1.75"
		2	RAM-B-202U	Round Plate Mount, Single 1" Ball
		1	RAM-B-217U	Round Plate Mount, Dual 1" Ball
	-			